



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Michael R. Krames; Mihail M. Sigalas; Jonathan J. Wierer Jr.
Assignee: Lumileds Lighting U.S., LLC
Title: LED Including Photonic Crystal Structure (as amended)
Serial No.: 10/059,588 Filing Date: January 28, 2002
Examiner: Ginette Peralta Group Art Unit: 2814
Docket No.: M-11547 US
(LUM- M-11547 US)

San Jose, California
August 8, 2005

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Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

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UNDER 37 CFR § 1.97(b)**

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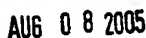
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Respectfully submitted,

Rachel V. Leiterman
Attorney for Applicant(s)
Reg. No. 46,868



Approved for use through 07/31/2006. OMB 0651-0031

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1

of

2

Complete if Known

Application Number	10/059,588
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Filing Date	January 28, 2002
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First Named Inventor	Michael R. Krames
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Art Unit	2814
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Examiner Name	Douglas A. Wille
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Attorney Docket Number	M-11547 US
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U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		EP 0 874 405 A2	10-28-1998	Mitsubishi Cable Ind.		
		WO 03/023857 A2	3-20-2003	Lucea AG		
		EP 1 071 143 A1	1-24-2001	Mitsubishi Cable Ind.		

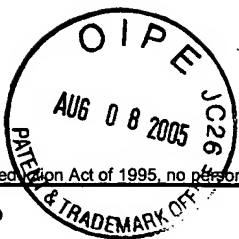
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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First Named Inventor	Michael R. Krames
Art Unit	2814
Examiner Name	Douglas A. Wille
Attorney Docket Number	M-11547 US

Sheet 2 of 2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		W.D. ZHOU et al., "Electrically injected single-defect photonic bandgap surface-emitting laser at room temperature," Electronics Letters, 31st August 2000, Vol. 36, No. 18, 2 pages.	
		P. BHATTACHARYA et al., "Electrically Injected Photonic Bandgap Microcavity Light Sources," Dept. of Electrical Engineering and Computer Science, University of Michigan paper. pp.76-77.	
		SHOATA KITAMURA et al., "Fabrication of GaN Hexagonal Pyramids on Dot-Patterned GaN/Sapphire Substrates via Selective Metalorganic Vapor Phase Epitaxy," Jpn. J. Appl. Phys., Vol. 34 (1995) pp. L1184-L1186, Part 2, No. 9B, 15 September 1995.	
		MASAKI NAGAHARA et al., "Selective Growth of Cubic GaN in Small Areas on Patterned GaAs (100) Substrates by Metalorganic Vapor Phase Epitaxy," Jpn. J. Appl. Phys., Vol. 33 (1994) pp. 694-697, Part 1, No. 1B, January 1994.	

Examiner Signature		Date Considered	
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